Approved for use through 03/31/2007. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

ostitute for form 1449/PTO

Sheet

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known			
Application Number	10/511,910		
Filing Date	October 20, 2004		
First Named Inventor	IMAI		
Art Unit	1634		
Examiner Name	СНО		
Attorney Docket Number	TAN-345		

			U. S. PATENT D	OCOME 1413	Dance Columns Lines M/hors	
Examiner Cite No.1	Cite No.1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
	ļ	Number-Kind Code <sup>2 (# trrown)</sup>	<del></del>			
	ļ	US-	İ			
		US				
		US-				
		US-				
		US-				
		US				
-		US-				
		US-				
		US-				
		US-				
		US-				
		US-				
	1	U\$-				
		US-				
		US·				
		US-				
		US-		,		
		US-				
-	1	US-				

		FORE	IGN PATENT DOCL	JMENTS		
Examiner Initials*	Cite No.	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
		Country Code <sup>3 -</sup> Number <sup>4 -</sup> Kind Code <sup>5</sup> (if known)	MM-DD-YYYY		Or Relevant Figures Appear	
90		EP 0 882 791 A2	12-09-1998	Smithkline Beecham PLC		
7						L
						L
						Ļ
						L
	ł				1	ı

Examiner Signature	Dehanne, Sitter	Date Considered	6/12/07

\*EXAMINER: Initial's reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁵Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Approved for use through 03/31/2007. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
D a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO				Complete if Known		
0003010	10 10 10 10 10			Application Number	10/511,910	
INF	ORMATION	DIS	CLOSURE	Filing Date	October 20, 2004	
STA	TEMENT E	BY A	PPLICANT	First Named Inventor	IMAI	
(the section where the second				Art Unit	1634	
(Use as many sheets as necessary)			recessary)	Examiner Name	СНО	
Sheet	2	of	2	Attorney Docket Number	TAN-345	

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
P		SEN et al., Expression and function of wingless and frizzled hmologs in rheumatoid arthritis, Proc. Natl. Acad. Sci. USA, 2000, Vol.97, No. 6, pages 2791-2796	
		MELKONYAN et al., SARPs: A family of secreted apoptosis-related propteins, Proc. Natl. Acad. Sci. USA, 1997, Vol.94, pages 13636-13641	
		IJIRI et al., Differential Expression Patterns of Secreted Frizzled Related Protein Genes in Synovial Cells, J. Rheymatology, 2002, Vol.29, No.11, pages 3268 3270	
		WRIGHT et al., Identification of a Wnt-Responsive Signal Transduction Pathway in Primary Endothelial Cells, Biochem. Biophys. Res. Commun., 1999, Vol.263, No.2, pages 394-388	
<b>y</b>		MOON et al., WNTs modulate cell fate and behavior during vertebrate development, Trends Genet., 1997, Vol.13, pages 157-162 Abstract only	
		·	
· · · · · · · · · · · · · · · · · · ·			

Examiner	<i>\ 11</i>	Date	,	1.~	107	
Signature Chamber of		Considered	6	12	10+	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.